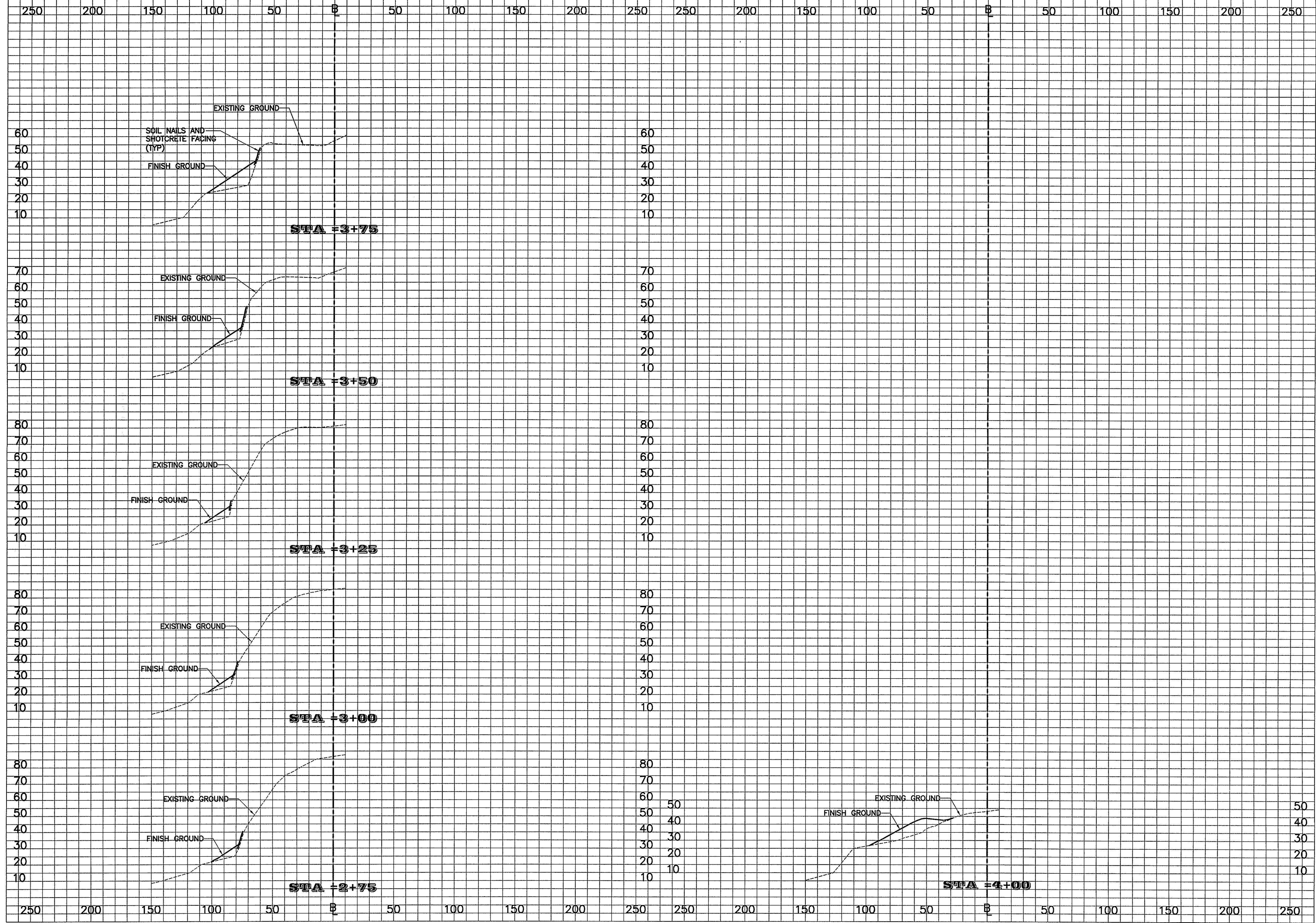


Trim: 22"x36"

HALF SIZE TRIM LINE FOR 11"x17"

Thu, 11 Mar 2004 - 3:48pm
M:\PILA\2002-33-2600\CD\CONSTRUCTION-Dwg\SHEETS\C-10.dwg



SHORELINE GRADING CROSS SECTIONS - 2
SCALES: 1" = 40' (HORIZONTAL)
1" = 30' (VERTICAL)

Rev	Date	Description	Eng	App
1	12/16/05	CONSENT DECREE VERSION: DECEMBER 16, 2005		

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APRIL 30, 2004
EXPIRATION DATE OF THE LICENSE

Paul Wallabein

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Consultant:

Client:

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1450 South Beretania Street
Honolulu, Hawaii 96814

PILA'A 400
REMEDIATION PLAN - PACKAGE 1

SHORELINE GRADING
CROSS SECTIONS - 2

Designed By: C.K.L.
Project No. 2002.33.2600 (001)

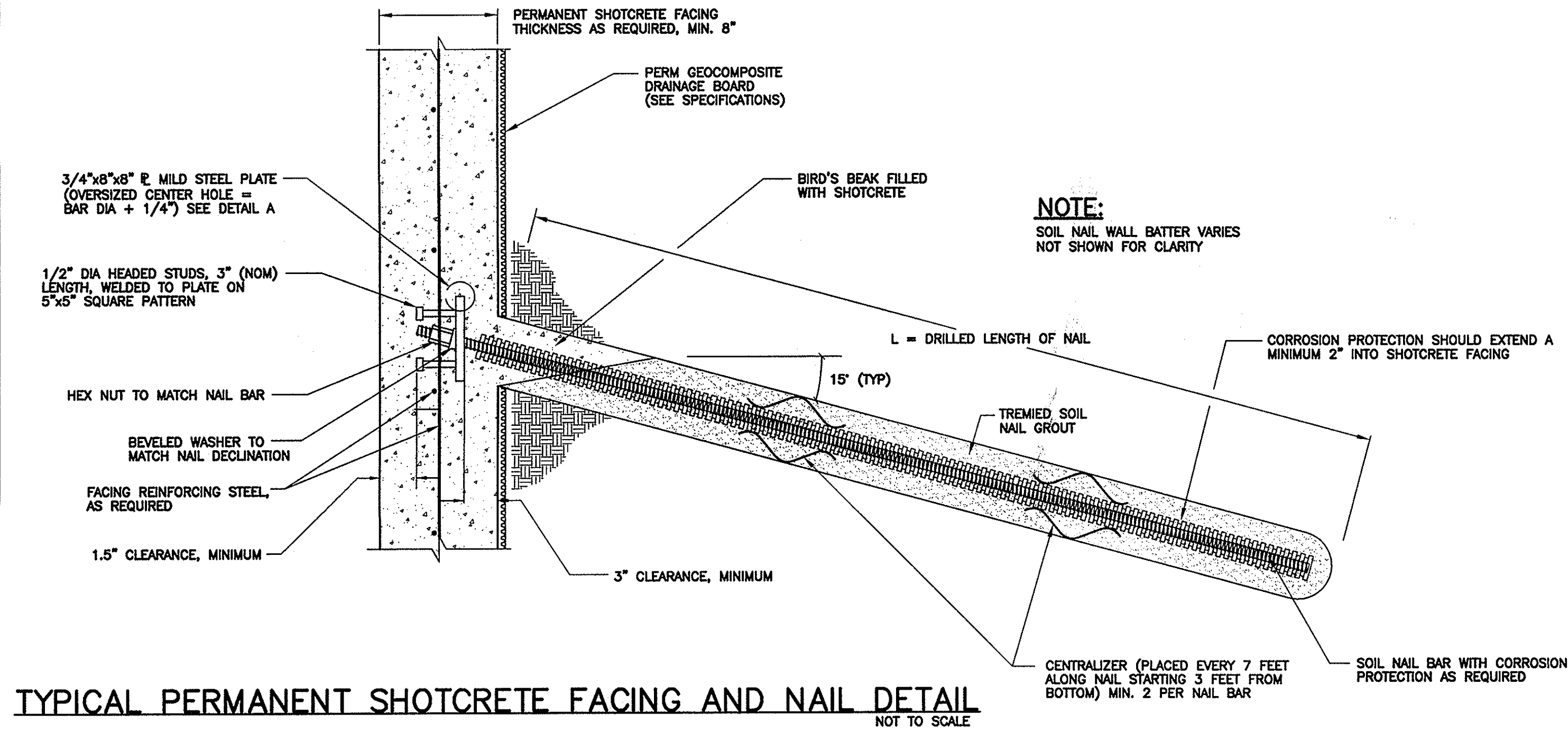
Drawn By: J.T., G.Y.
Date: AUGUST, 2003

Approved By:

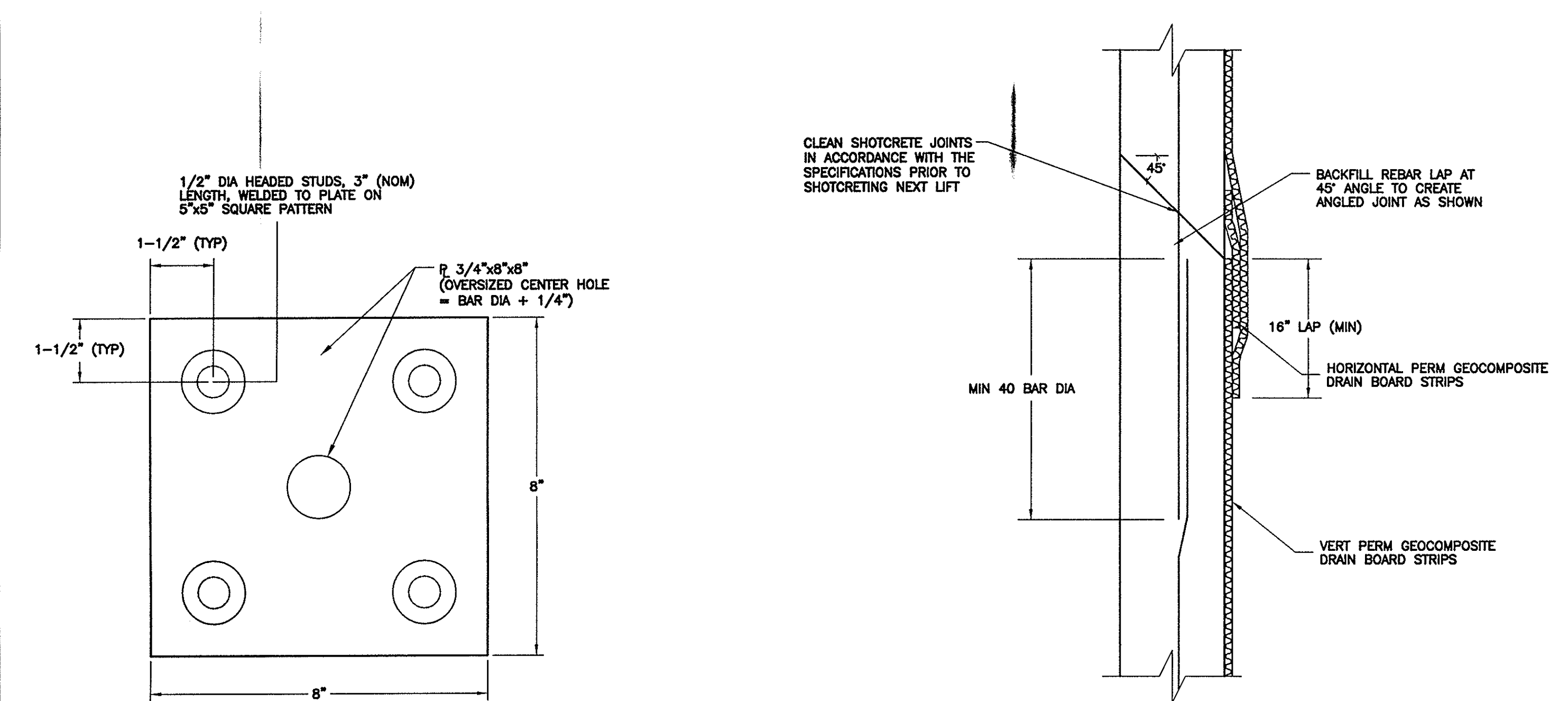
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JUL - 7, 2004

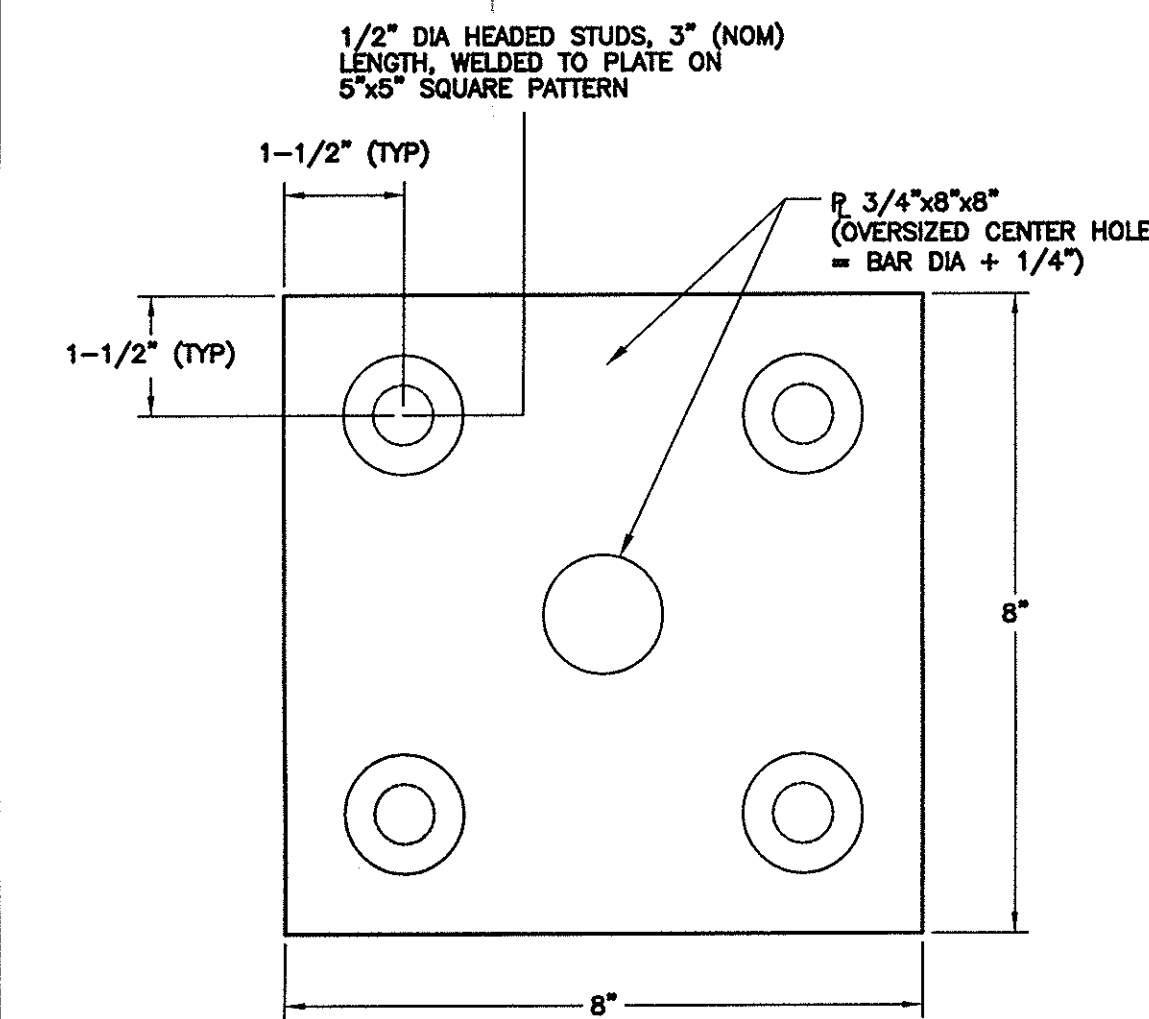
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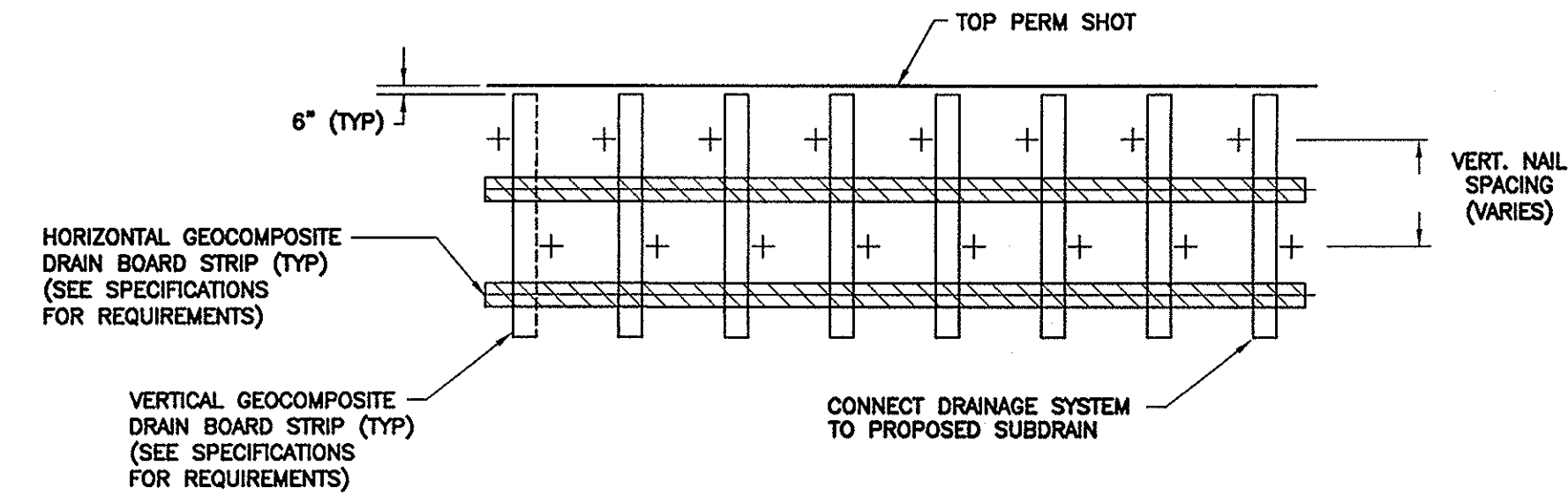
TYPICAL PERMANENT SHOTCRETE FACING AND NAIL DETAIL
NOT TO SCALE



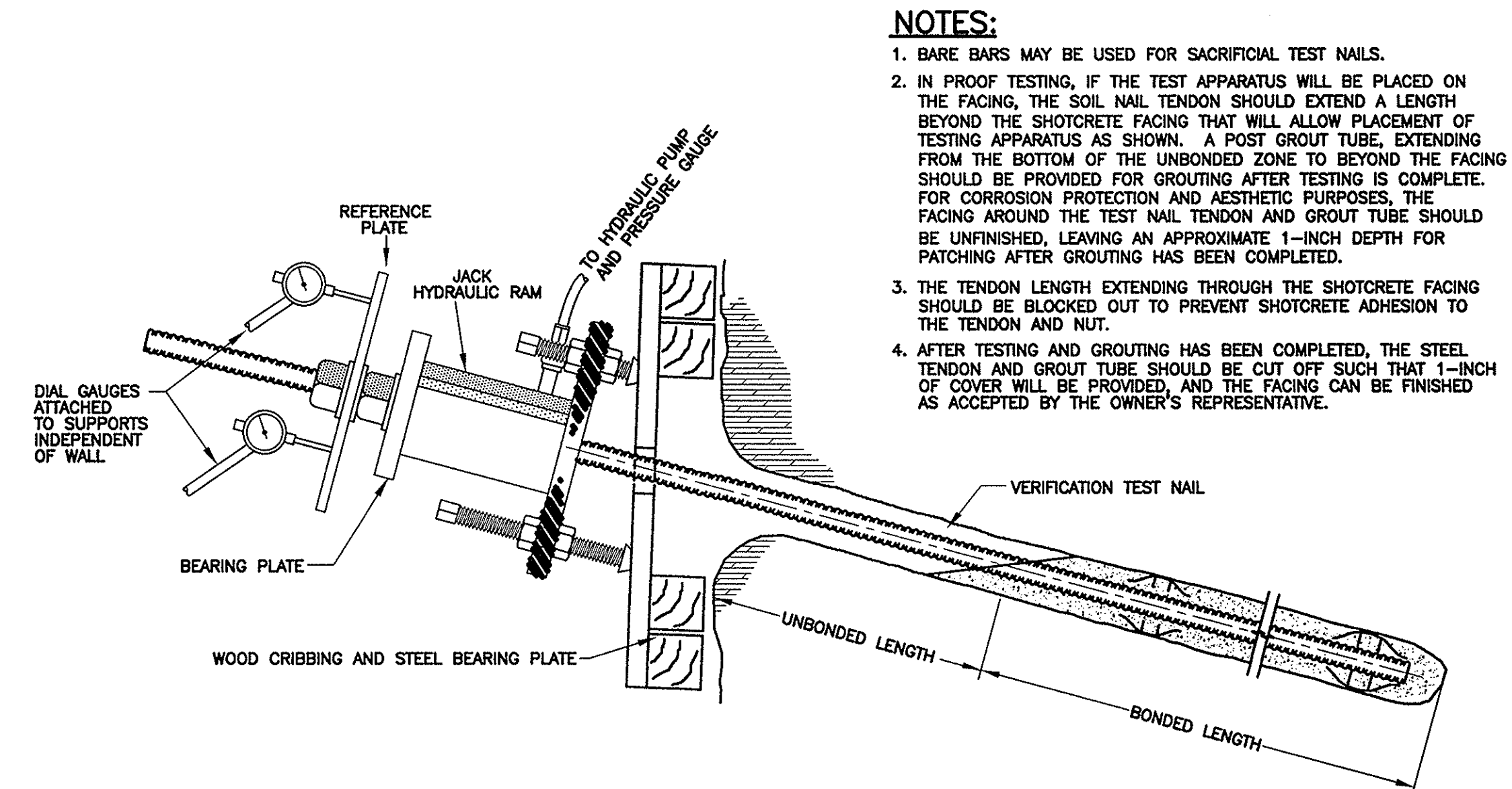
TYPICAL PERMANENT SHOTCRETE WALL JOINT DETAIL
NOT TO SCALE



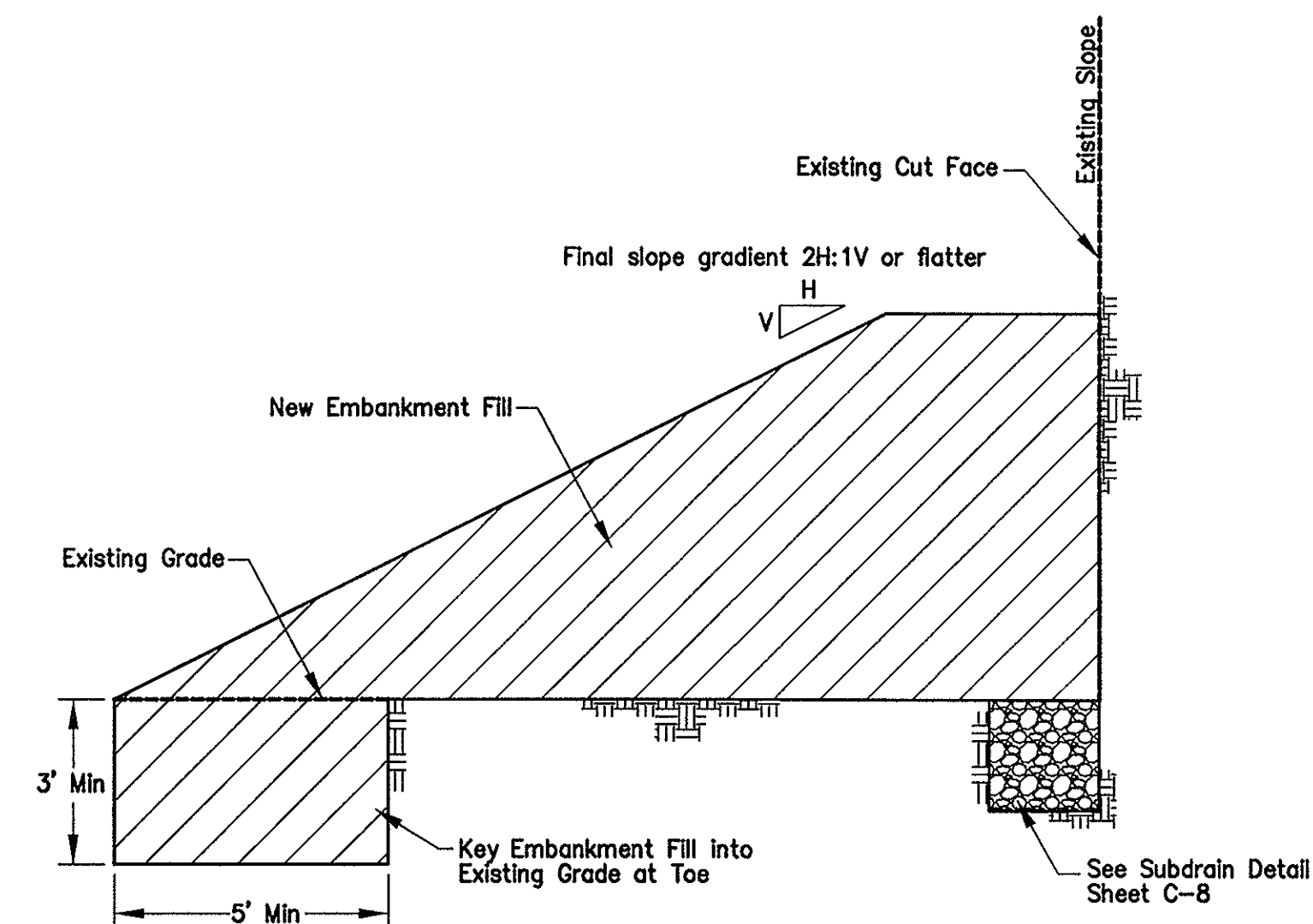
HEADED STUD AND PLATE DETAIL
NOT TO SCALE



PERMANENT WALL DRAINAGE ELEVATION
NOT TO SCALE



SOIL NAIL TEST DETAIL
NOT TO SCALE



GRAVEL DRAIN AND TOE KEY DETAIL
NOT TO SCALE

Rev	Date	Description	Eng	App

CONSENT DECREE VERSION:
DECEMBER 16, 2005

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APRIL 30, 2004
EXPIRATION DATE
OF THE LICENSE

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**PILA'A 400
REMEDIATION PLAN - PACKAGE 1**

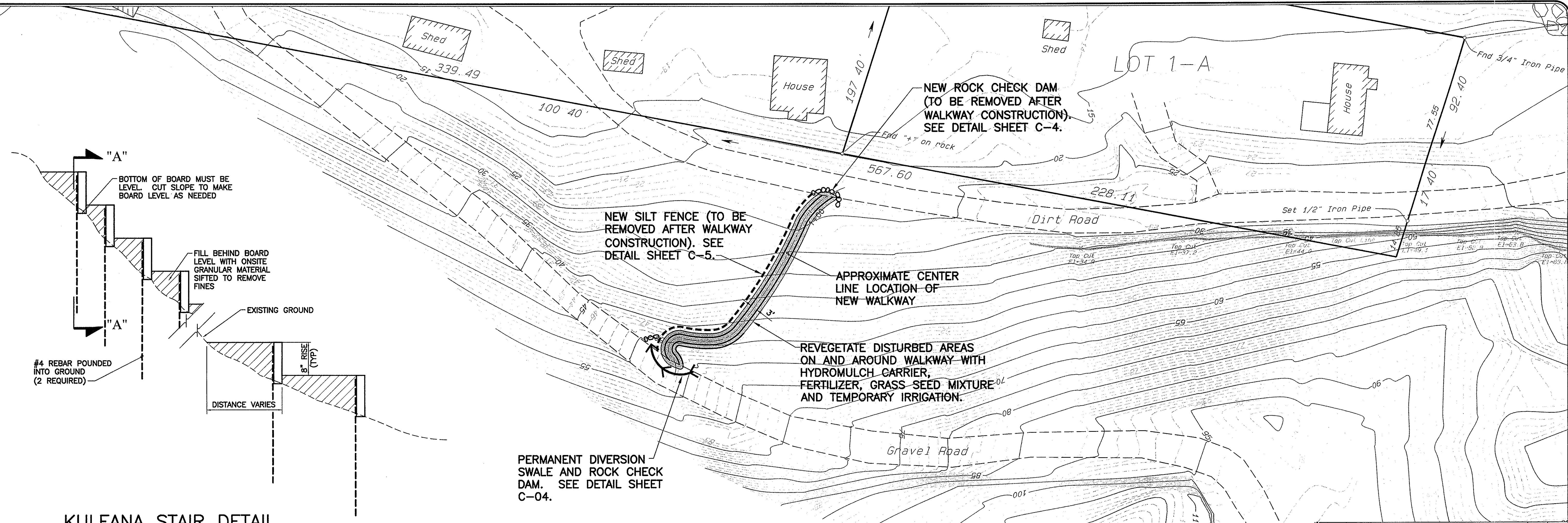
MISCELLANEOUS DETAILS

Designed By: **C.K.L.** Drawn By: **J.T., G.Y.**
Project No.: **2002.33.2600 (D01)** Date: **AUGUST, 2003**
Approved By:

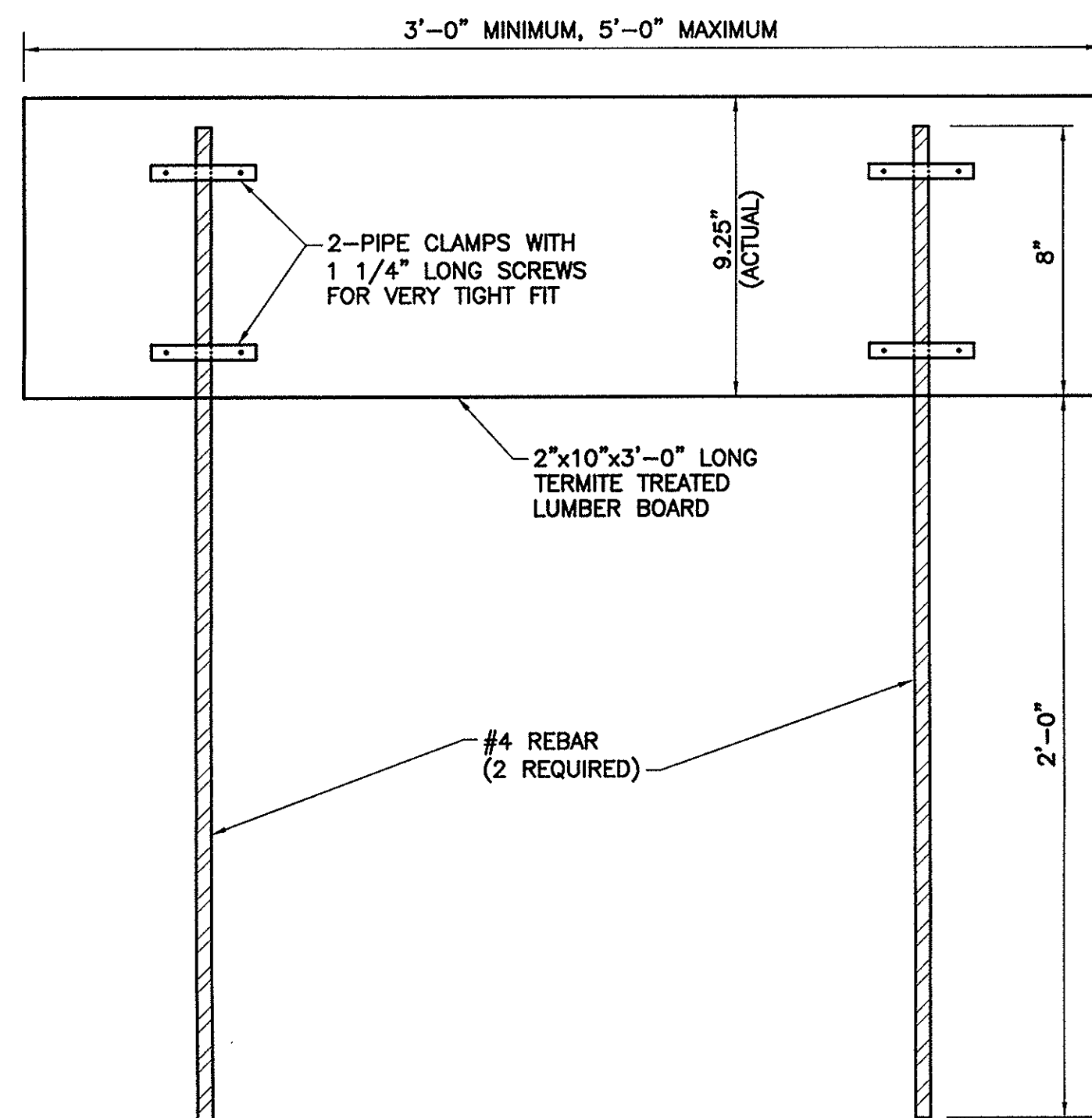
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JUL - 7, 2004

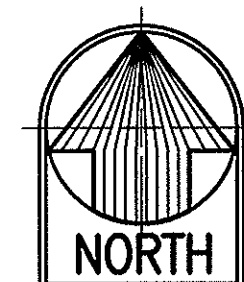
FILE	POCKET	FOLDER	NO.



KULEANA STAIR DETAIL
NOT TO SCALE



SECTION "A-A"
NOT TO SCALE



NEW HUDDY KULEANA WALKWAY ACCESS
SCALE: 1"=40'

Rev	Date	Description	Eng	App

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APRIL 30, 2004
EXPIRATION DATE OF THE LICENSE

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Honolulu, Hawaii 96814

PILA'A 400
REMEDIATION PLAN - PACKAGE 1

KUELANA WALKWAY ACCESS
PLAN AND DETAILS

Designed By: C.K.L. Drawn By: J.T., G.Y.
Project No. 2002.33.2600 (D01) Date: AUGUST, 2003

Approved By:

RECORD COPY

JUL - 7, 2004

FILE	POCKET	FOLDER	NO.